Electronic SX-01

Stringing Machine

User's Manual

Attention:

Please read this manual carefully before operating with the machine.

Keep it properly for the aftersales service.

Catalogue

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Safety precautions

Following are fatal informations for your safety, please observe strictly.

"⚠" Warning mark – Any information in this manual with a warning mark must be abided by strictly, otherwise there will be danger of the personal safety or could lead to a significant accident.

"🚫" Forbidden mark – Any information in this manual with a forbidden mark must be abided by strictly, otherwise there will be danger of the personal safety or could lead to damage of the machine.

1.1 **Warning**

⚠ Do use 220v AC power and the provided cable and plug. Please make sure the power match the machine in the play court.

⚠ Do not disassemble or change the machine voluntarily, otherwise it will damage the machine or cause serious accidents.

⚠ Do not use the machine close to volatile or flammable gas.

⚠ Do keep away from heat, prevent putting the machine under the sun for long time avoiding the plastic and rubber parts become aged.

⚠ Do contact with local service provider or manufacturer. If the machine has an unusual situation, for example: big noise, strong smog and leakage, please cut the power immediately.

⚠ Do unplug the power plus when the machine is not in use or renew parts.

1.2 **Forbidden**

⚠ Do not let the kids play with the machine or power equipment.

⚠ Do not touch the inner parts when the machine is operating or it will cause an accident.

⚠ Do not let the kids operate the machine when cleaning up interior of the machine, in order to avoid damaging the machine or causing any danger.

⚠ Do not operate the power or machine switch with barefoot or wet hands.

🚫 Do not move it during working.

🚫 Do not clean the surface of the machine with volatile wet cloth.

🚫 Do not putting it aside in moist or other bad environment.

🚫 Do not pressing the ascending and descending pounds function in the same time, otherwise it will cause damage to the machine.

🚫 Do not placing the cable in high temperature or beside the heating.

Unpacking and inspection

The machine is delivered ready assembled.

2.1 Components:

4x		T054 racket frame support
2x		T071 clamp
1x		AC power cable
Set of		Allen wrench

2.2 Unpack the machine carefully and inspect the Electronic SX-01 stringing machine for any obvious damage. Check if all parts are included in the carton. If any item is missing or damaged, contact your delivery agent and your sales representative. Retain the original packaging materials for the event that reshipping is required.

3. Operating Instructions

1. Place the machine on a table or a stand foot.

2. On the back side of the electronic tension there is a switch which should be in the ON position for normal operation.

3. Turn the power on and a green light flashes and the tension strength appears on the LED display.

4. Select the tension scale in kilograms or pounds. The machine is always shipped set to kilogram. The switch for it is between both knob for setting the tension

5. For setting the tension use the 2 knobs for rising and reducing the tension. The tension can be set in 0,5 kg steps.

Rising the tension

Reducing the tension

6. The stringing machine has 2 positions:

Machine pulls to the selected tension

Machine moves back to the starting position to release the string.

7. If the engine doesn’t stop pulling automatically, press the backwards button.

8. After stringing turn the machine off.

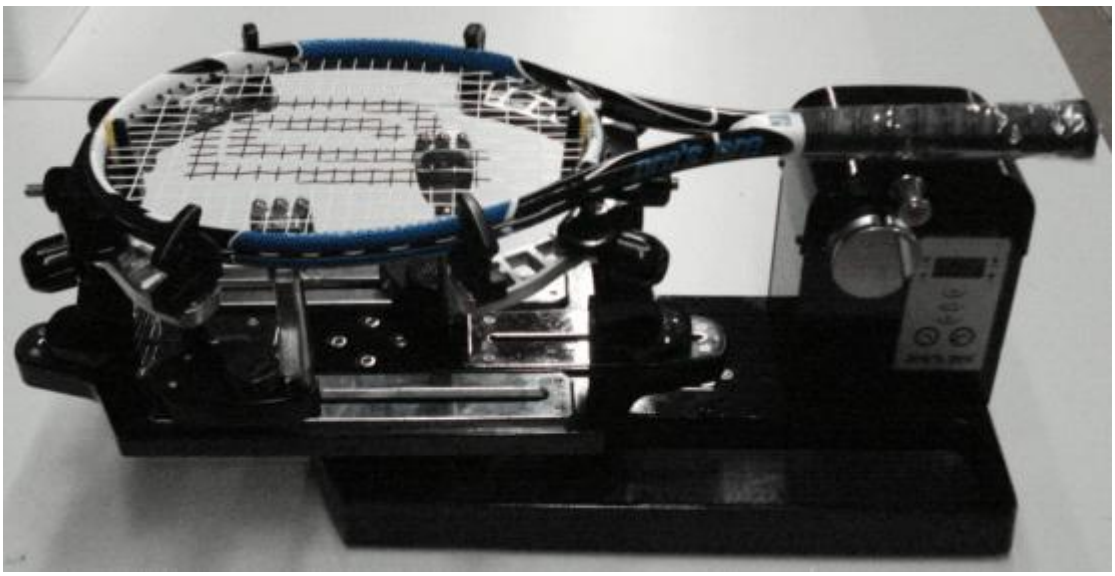
9. Turn the tension on the display down to 10 kilogram the tension in the machine should be as low as possible in the time of not stringing.

4. Fixing of the Racket

Loosen both mounting stocks, place the four K-shaped side supports into the hole of the side-support arms, in the far outer hole for tennis rackets, in the other hole for badminton and squash. Now place the racket in the middle of the stringing machine. Ensure that the two swivel clamps can reach all of the racket area for stringing.

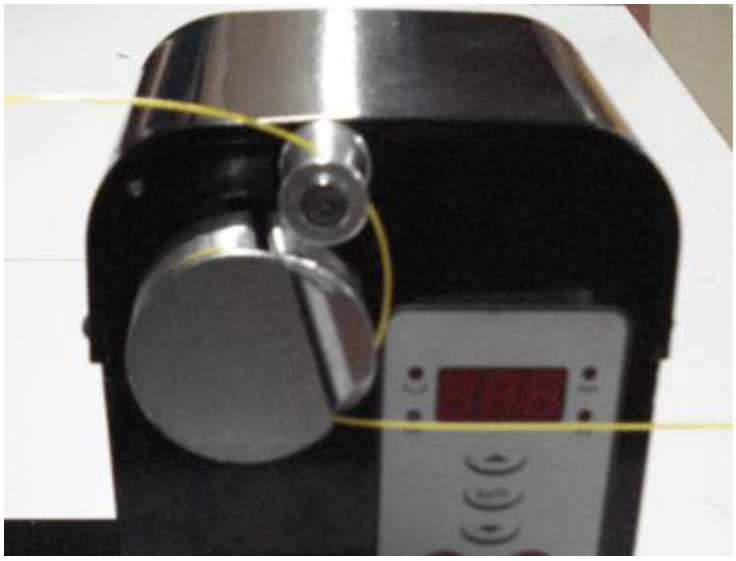
Never apply excessive force or over-tighten the mounting stock locking knobs, this will damage the parts.

Tighten now the side support arms and the mounting stock, but be careful not to do this too heavily, that the racket will not be deformed.



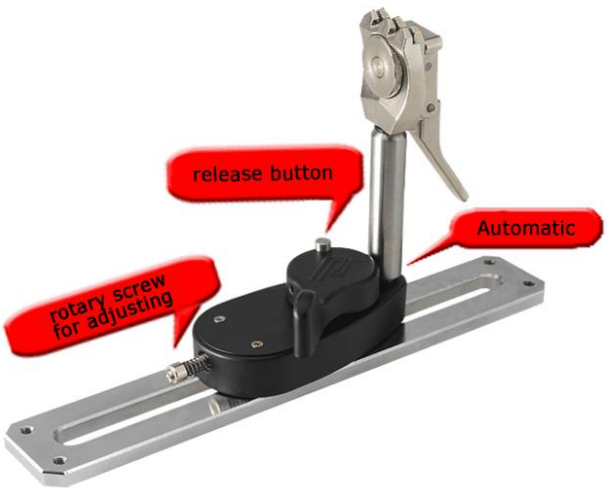
5. How to put the string into the tension system

First place the string over the small reel and then around the big one and place it into the slot and hold the string down. Then push the button to 1 and the machine starts pulling until it has the right tension.



6. How to use the Swivel Clamp System

When the clamp falls back into the clamp base, it opens automatically. Alternatively, the quick release can be opened by applying pressure on the release button. A significant improvement to conventional systems is that the clamp base can be adjusted with a rotary screw. The adjustment with an Allen key is no longer necessary.



7. Maintenance

1. The Electronic SX-01 stringing machine is adjusted and calibrated before shipment. Working is easy and relatively maintenance-free.
2. Keep the stringing machine always at a dry and safe place. Keep it away from dust, grease, moisture and any type of heat.
3. Clean the dust and other dirt with a soft cloth or brush.
4. Water should never come inside the machine!
5. Do not use liquid cleansers, abrasive cleaners or aerosol cleaners.
6. Use fine emery cloth to remove the wax buildup from the jaws of the clamps and the string gripper.
7. Do not uses sandpaper to remove the wax buildup; it will destroy the special finishing.
8. Do not lubricate the tracks of the turntable.
9. Do not use penetrating oils to clean or to lubricate.
10. Check the clamps often to be sure that they hold the string properly. I not adjust them as shown before.
11. Reset the tension setting to 10 kilograms after stringing.

8. Troubleshooting

The power light does not shine and the electronic part does not do anything.

- Be sure the power switch is in “on” position.
- Check that the power cord is properly installed.
- Check the fuse. Turn off the power switch and unplug the power cord from the wall outlet before checking the fuse. The fuse housing is next to the power switch.
- Check the wall outlet with another electronic equipment.

The string clamp does not hold the string:

- Clean the jaws of the string clamp.
- Adjust the clamp on the top by turning the wheel and / or using an allen wrench for Vernier adjustment.

The string slips through the string gripper:

- Clean the string gripper, like described before.

The clamp does not move smoothly or can not be fixed:

- Clean the tracks of the turntable.
- Adjust the swivel clamp base per instruction.

The tension pulling is not correct:

- Calibrate the machine.
- Is the string not fixed in the clamp?
- Is the clamp base moving?

10. Service Guide

Service notice

If there is problem during the using time, please call our service hotline or send an email.

Please do provide us: bar code or detailed order/consignee and the date of purchase.

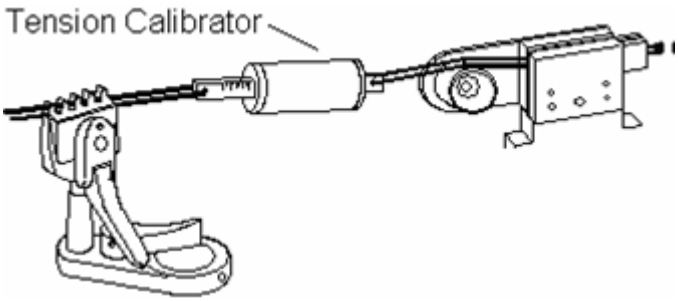
11. Calibration

The machine is calibrated with an electronic Tension calibrator, if you have only a mechanic one, please be sure that it is not too old otherwise the spring inside will give you wrong results.

1. Set the tension to 30 kg

2. press the KG/LB continual until the LCD show 0.00kg

3. fix a tension calibrator



4. press right button for starting stringing the line

5. after pressing this button the display switches to 20,5kg, now push the right button again as long as the multimeter (tension calibrator) is 30kgs, then press the KG/LB button and ---OK-----loose the line---finish! (no matter what is shown on the display of the engine!)